

Alternative #1

COST ESTIMATES FOR MILFORD WATER USERS BY WATER USE REGULATION ALTERNATIVES

1. REGULATE BY METERING FLOW : COMMITTEE INSTALL AND MANAGE ALL METERS

ITEM	QUANTITY	COST/UNIT (US \$/ UNIT)	TOTAL COST (US \$)
UP FRONT COST:			
FLOW METER & READOUT (MODEL TR400 , FL9901)	160	554.40	88704.00
MANHOLE & MOUNTING HARDWARE & INSTALLATION	160	200.00	32000.00
TOTAL			120704.00
ANNUAL COST:			
METER MAINTENANCE	1	2000	2000.00
COMMISSIONERS SALARY (FULL TIME FOR 6 MONTHS)	1	10000	10000.00
SOCIAL SECURITY (7.5%)	1	750	750.00
TRAVEL	1	1000	1000.00
TOTAL			13750.00

COMMISSIONERS' RESPONSIBILITIES:

- * Maintain an inventory of meters, parts, equipment, etc.
- * Assist in the budgeting process to help determine the equipment needs for the coming year.
- * Each fall after irrigation season, take display units and batteries from each meter installed.
- * Clean displays and batteries and prepare for winter storage.
- * Each spring before the irrigation season, re-install display units and batteries.
- * Visit each meter at least weekly to insure proper operation and take readings. Additional visits will be needed at installations where it appears the meter is not operating correctly.
- * Use the pitot tube as necessary to check the proper operation of meters.
- * Make repairs and/or replace meters that are not operating correctly.
- * Monitor and regulate water use outside the irrigation season (generally March 15 - April 1)
- * Prepare annual report to the State Engineer and water users concerning water use from records taken during the year.

Alternative #2

COST ESTIMATES FOR MILFORD WATER USERS

BY WATER USE REGULATION ALTERNATIVES

(CONTINUE)

2. REGULATION BY IRRIGATED LAND: ACREAGE EXPANSION

ITEM	QUANTITY	COST/UNIT (US \$/ UNIT)	TOTAL COST (US \$)
COST OF FLIGHTS AND PHOTOGRAPHIC SLIDES	85	12	1,020.00
COMMISSIONERS SALARY (PART TIME FOR 6 MONTHS)	1	2500	2500.00
SOCIAL SECURITY (7.5%)	1	187.5	187.50
TRAVEL	1	500	500.00
TOTAL			4207.50

COMMISSIONERS' RESPONSIBILITIES:

- * Read commercial meters (year around - once a month)
- * Monitor parcels where illegal use has been identified (mid-July through mid-September)
- * Monitor and regulate water use outside the irrigation season (March 15 - April 1)
- * Field checking of crop data
- * Operation and maintenance of a weather data station
- * Collect weather data

The annual report will probably be prepared by the division because it will be based on irrigated area data collected by the division staff.

Monitoring ground water levels probably will not be necessary because we probably will rely on USGS measurements - unless we want to develop a more intensive program.